

CLAIMS

What is claimed is:

- Sub A*
1. A computer system comprising:
 - a processor;
 - a display screen;
 - a sensor to measure an approximate distance to a user; and
 - a storage device storing measurement code and configuration code to be executed by the processor, the measurement code to determine the distance measured by the sensor, and the configuration code to configure an image to be displayed on the display screen according to the distance.
 2. The computer system of claim 1, wherein the display screen is a flat panel display screen of a mobile system.
 3. The computer system of claim 1, wherein the sensor is located proximal to the display screen such that the distance to the user is an approximate distance between the user and the display screen.
 4. The computer system of claim 1, wherein the sensor uses an active or passive measurement system.
 5. The computer system of claim 4, further comprising a camera, the camera including the sensor.

6. The computer system of claim 1, wherein the image includes text having a font, and wherein the configuration code is to increase a size of the font if the distance increases.
7. The computer system of claim 1, wherein the configuration code is to increase a size of the image if the distance increases.
8. The computer system of claim 1, wherein the configuration code is to modify a brightness or contrast level of the image.
9. A machine-readable medium including machine-readable instructions that, if executed by a computer system, cause the computer system to perform a method comprising:
 - determining an approximate distance between a user and a sensor; and
 - configuring an audio or display device based, at least in part, on the distance.
10. The medium of claim 9, wherein configuring the display device comprises modifying a font size of text to be displayed on the display device.
11. The medium of claim 9, wherein configuring the display device comprises modifying a size of an image to be displayed on the display device.

12. The medium of claim 9, wherein configuring the display device comprises modifying a brightness or contrast level of the display device.
13. The medium of claim 9, wherein configuring the audio device comprises modifying a gain of a microphone.
14. The medium of claim 9, wherein configuring the audio device comprises modifying a volume of a speaker.
15. A computer system comprising:
 - a sensor to determine an approximate distance between a user and an audio or display device; and
 - a circuit to determine a parameter of the device using the distance.
16. The computer system of claim 15, wherein the sensor uses an active or passive measurement system.
17. The computer system of claim 15, further comprising a camera, the camera including the sensor.
18. The computer system of claim 15, wherein the parameter is a size of text font or an image to be displayed on the display device.

- ~~N9.~~ The computer system of claim 15, wherein the parameter is a brightness or contrast level of the display device.
20. The computer system of claim 15, wherein the parameter is a gain of a microphone.
21. The computer system of claim 15, wherein the parameter is a volume of a speaker.

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